

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A computer-implemented method of adapting a transaction-based mainframe application to process transactions over a network, said transaction-based mainframe application comprising source code describing a transaction and information related to the transaction, hereinafter related information, said method comprising:

scanning the source code of the transaction-based mainframe application ~~to identify and~~ identifying the transaction and the related information, wherein the transaction-based mainframe application ~~is unable to~~ originally does not process transactions over a World Wide Web (Web);

storing in a database the related information identified in the scan of the source code, hereinafter identified information;

extracting from the database parameter definitions describing a communication of information by the transaction, hereinafter extracted information;

identifying a parameter usage type for each parameter, said parameter usage type selectable from the parameter usage type set comprising input, output, input/output, and unreferenced, hereinafter identified information;

displaying the transaction and a subset of the related information and the extracted information;

receiving user input selecting allowing a user to select the transaction; and

in response to receiving the user input, using the identified information and extracted information to package the user-selected transaction in a form compatible with a connector building tool by generating a communication area file that includes a definition and a declaration of the data to be passed to and from the transaction-based mainframe application that may be parsed by the connector building tool to build a connector and a documentation file that provides documentation [[about]] that describes the communication area file using the identified information and the extracted information, ~~wherein the connector enables the transaction-based mainframe application to process transactions over the web by enabling the transactions to be passed from a web application server to the transaction-based mainframe application ; and~~
with the connector building tool.

parsing the communication area file; and
building a connector using the identified information and the extracted
information, wherein the transaction-based mainframe application is enabled to process
transactions over the Web.

2. (Currently Amended) The method of claim 1 wherein the communication area file contains information ~~which can be~~ that is parsed by ~~[[a]]~~ the connector building tool.

3. (Cancelled).

4. (Currently Amended) The method of claim ~~[[3]]~~ 2 wherein the documentation file comprises field description information and connection information.

5. (Cancelled)

6. (Currently Amended) The method of claim ~~[[5]]~~ 1 further comprising using the identified information and extracted information to build an enterprise Java bean connector.

7. (Currently Amended) The method of claim 1 wherein the database ~~[[can be]]~~ is queried to find program parts comprising the transaction-based mainframe application and identify relationships between the program parts.

8. (Original) The method of claim 1 wherein the related information is a member of the set comprising relationships, call hierarchies, transactions, communication areas, parameters, the flow of data elements, and resources employed.

9-24. (Cancelled)